

CERTIFICATE OF ANALYZIS

No 251 from 01.12.19

PCR KIT FOR DETECTION OF AFRICAN SWINE FEVER VIRUS DNA (YzzyTest ASFV, E55)

Lot	ASFV-E24122019
Produced	24.12.2019
Expired	24.12.2020

1. Packaging Verification

Component	Characteristic	Norm	Result of control
PCR Kit Yzzy Test ASFV, E 55	One pack of reagent	In Place	Compliant
Instruction manual	In print	In Place	Compliant
Certificates of Analysis	In print	In Place	Compliant

2. The composition of the kit and the appearance of the components

Component	Norm	Result of control
PCR-reagent	1 tube with transparent liquid – 0.55 ml	Compliant
ASFV Primers	1 tube with with transparent liquid – 0.55 ml. May have pink and blue shades	Compliant
Reagent "DNA-express"	1 tube with suspension of fine particles in aqueous buffer – 1.37 ml	Compliant
External control (EC)	1 tube with transparent liquid – 0.55 ml	Compliant
Positive control (PC)	1 tube with transparent liquid – 0.5 ml	Compliant
Negative control (NC)	2 tubes with transparent liquid – 1 ml	Compliant

3. Functional characteristics

Component	Norm	Result of control
Limit of Detection (LOD8)	5 copy of synthetic DNA control per PCR reaction	5 copy
Analytical Specificity (measured on a panel of standard production samples)	100%	100%
Analytical Sensitivity (measured on a panel of standard production samples)	100%	100%

Shipping and storage

The YzzyTest ASFV kit is shipped at ambient temperature (below 25°C) up to 3 days, at +4°C for a long time.

The components of the -ASFV PCR Kit could be stored at +2 - +4°C for up to 12 months from the date of manufacturing without reduction in sensitivity.

QUALITY
AUTHORIZED BY
YZZY Biotech
R&D laboratory